**Output Report**

|  |  |  |  |
| --- | --- | --- | --- |
| Dent Information | | | |
| Feature Number |  | Odometer (ft) | «DentOdometer» |
| Nominal Pipe OD (in) |  | Wall Thickness (in) |  |
| Max Depth (in) |  | Max Depth (%) |  |
| Length (in) |  | Width (in) |  |
| Orientation (deg) |  | Pipe Grade (psi) |  |
| Weld Interaction? | «DentInteraction» | | |

|  |  |  |  |
| --- | --- | --- | --- |
| Dent Strain Results | | | |
| Maximum Strain for the Outside Pipe Surface, (%) | «StrainMaxOut» | Maximum Strain for the Inside Pipe Surface, (%) | «StrainMaxIn» |
| Strain Limit (%) |  | Pass / Fail |  |
| Dent Profile in Axial Direction | | Dent Profile in Circumferential Direction | |
|  | |  | |
| Dent Strain Contour Maps | | | |
|  | | | |
|  | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| Dent Remaining Life Results | | | |
| Stress Severity Index (SSI) |  | Cyclic Index (CI) |  |
| TTO-5 Classification |  | | |
| MD-4-9 Level 2 Class | «MD49Class» | Stress Concentration Factor (SCF) |  |
| MD-4-9 Life (years) | «MD49Life» | SCF Life (years) | «SCFLife» |
| MD-4-9 Design Life (years) | «MD49DesignLife» | SCF Design Life (years) | «SCFDesignLife» |
| Pressure Cycle History | | Histogram | |
|  | |  | |
| FEA Max. Principal Stress (psi) | | Max. Principal Stress and Dent Profile | |
|  | |  | |
| FEA Isometric View of Max. Principal Stress (psi) | | | |
|  | | | |